"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUSZEWSKA-WIECZORKOWSKA, E

SCIENCE

PERIODICAL: ROCZNIKI CHEMII. Vol.31, No.2, 1958

MARUSZEWSKA-WIECZORKOWSKA, E. Alkyl and alkenyl pyridines. III. Pyridine sulfones $(2\text{-}C_5H_4N)CH_2SO_2R$ and some simple sulfur derivatives with 2-pyridylmethyl residue. p. 539.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4.

April 1959, Unclass

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUSHEVSKIY, Mariush [Maruszewski, Mariusz]

Interaction between two signal systems in orientation reactions. Vop. psikhol. 3 no.1:78-87 Ja-F '57. (MLRA 10:3)

1. Kafedra psikhologii Moskovskogo universiteta i kafedra obshchey psikhologii Varshavskogo universiteta.
(Orientation) (Conditioned response)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUSZEWSKI, M

MARUSHEVSKIY, M.

New Polish psychological periodicals. Vop. psikhol. 5 no.3:171-[illegible]
My-Je '59. (MIRA 12:9)
(Poland--Psychology--Periodicals)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUSZEWSKI, Mariusz (Warszawa)

The frontal lobe mechanisms and their importance for behavior in the light of clinical and experimental research (review of problems). Przegl psychol no.5:109-148 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUSZEWSKI, Mariusz (Warszawa)

Certain disturbance forms of the most simple voluntary behavior in focal lesions of the brain. Studia psychol 4: 5-53 '63.

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUSZEWSKI, Mariusz; MIERZEJEWSKA, Halina (Warszawa)

Linguistic analysis in research on aphasia. Studia psychol 5:73-103 '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUT, M.A.; TAVONIUL, K.B.(Moskva)

Clinical aspects of syphilitic pericarditis. Klin med., 33 no.10: 57-63 O '55. (MLRA 9:2)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo (dir. P.M. Leonenko)

(PERICARDITIS,
syphilitic, clin. aspects)
(SYPHILIS, CARDIOVASCULAR
pericarditis, clin. aspects)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

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Encl.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTA, Al.; CIRLIG, A.

Hydraulic conveying in pipes under pressure. Meteorologia hidrol gosp 7 no.3:199-205 '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

LATES, M., ing.; MARUTA, Al., ing.

Hydraulic characteristics of a new stand for testing the large pumps manufactured in Rumania for pumping stations in irrigation systems. Hidrotehnica 7 no.7:219-225 Jl '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

CIRLIG, A.; MARUTA, Al.

On the annular hydroelevator. Hidrotehnica 8 no.3:109-111 Mr '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

TIMOFEI, Fl., ing.; MARUTA, Al., ing.

On the problem of air entrainement in the pipes of suction pumps. Hidrotehnica 8 no. 6: 218-223 Je '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

CIOC,D., conf. ing.; CRIS :RUTA, Al., ing.

Some problems or :alculation method of nonper-
manent motion in : pressure. Hidrotehnica 8 no.7:
237-242 J1'63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTA, Al., ing.

Study on the nonpermanent conditions under pressure of systems provided with surge tanks. Hidrotehnica 8 no.10:371-376 O '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTA Alexandru

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTA, Mihai, ing.

Balanced modulator with integrated carrier generator. Telecomunicatii 7 no.5:215-218 S-O'63

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

BELYAZO, I.A., inzh. MAKUTA, I. ..., inzh., YEFIMOV, V.Y., inzh.

Three-wire network for controlling switch drives with ... phase electric motors. Avtom., telem. i svyaz' v neft. prom. No. 11 '64.

1. Gosudarstvennyy proyektno-... institut ... proyektirovaniya signalizatsii, ... svyazi i radio na zheleznodorozhnom transporte (for Belyazo, Makuta). 2. Leningradskiy ordena Lenina ... dorozhnogo transporta imeni ... (for Yefimov).

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

BELYAZO, I.A., inzh.; MARUTA, P.I., inzh.

Three-wire control system of a switch. Avtom., telem. i svyaz' no.9:36 S '65. (MIRA 18:9)

1. Gosudarstvennyy institut po proyektirovaniyu signalizatsii, tsentralizatsii, blokirovki, svyazi i radio na zheleznodorozhnom transporte.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

FLORIAN, Petru, prof. (Dej); MARUSTERU, St., (Baia Mare); HERLING, C., student; PIRSAN, L.C., student (Bucuresti); IONESCU-TIU, C.; COSTACHESCU, C.V.; LAMBA, Stelian (Constanta); LIVIU, Petre (Pucioasa); STRATESCU, Ion, student; BRINZANESCU, V., elev (Constanta); KLIM, Bratu, student (Bucuresti); TEMPEANU, C. (Hunedorara); CALINESCU, Aurelian (Brasov); MUNTEANU, Valentin (Cluj); OPREA, Miron (Ploiesti); MIHAILEANU, N.; TIGANOIU, Al., inginer; Buicliu, Gh.; POPA, Eugen I. (Iasi)

Proposed problems. Gaz mat B 14 no.8:481-485 Ag '63.

1. Institutul Politehnic Bucuresti (for Herling).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTOV, V.A., inzh.; PAVLOVSKIY, S.A., inzh.

Automatic control of the unloading conveyor of loading machines. Mekh.i avtom.proizv. 16 no.12:35-37 D '62. (MIRA 16:1)
(Loading and unloading) (Automatic control)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTOV, V.A., inzh.

Simple calculation of accelerating and braking conditions in power cylinders. Mashinostroenie no.1:22-24 Ja-F '65.
(MIRA 18:4)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

ARUTYAN, E. N.

"About anaplasmosis of cattle."

Veterinariya, Vol. 38, No. 5, 1961

Arutyan, E. N. - Candidate of Veterinary Sciences, Chechen-Ingush [illegible]

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, Fr.

The industry of Armenia as seen with the eyes of foreign visitors.
Prom.Arm. 5 no.4:11-14 Ap '62. (MIRA 15:5)
(Armenia—Industries)
(Armenia—Visitors, Foreign)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, N. A.

USSR/ Nuclear Physics - Mesons

11 Sep 53

"Determination of the Number of Slow Pi and Mu Mesons in Cosmic Rays at Varicus Altitudes," Kh. P. Babayan, I. I. Zinger and N. A. Marutyan

DAN SSSR, Vol 92, No 2, pp 263-264

Attempt to evaluate ratio of pi to mu mesons at low energies (up to 12 MeV) for various altitudes by means of photographic plates. Tabulate results. Indebted to A. I. Alikhanyan, acting member of Acad Sci SSSR, and D. M. Samoylovich. Presented by Acad A. I. Alikhanov 11 Jul 53.

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

BABAYAN, Kh.P.; MARUTYAN, N.A.; MATEVOSYAN, K.A.; SARINYAN, M.G.

Angular correlation in $\pi^+ \rightarrow \mu^+ \rightarrow e^+$ decay observable in a nuclear emulsion. Dokl.AN Arm.SSR 26 no.3:145-148 '58. (MIRA 12:10)

1. Fizicheskiy institut AN Armyanskoy SSR. Predstavleno A.I. Alikhanyanom.
(Mesons--Decay)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

AUTHORS: Babayan, Kh. P., Martyan, N. A., Matevosyan, K. A., Rostomyan, M. G. 56-1-36/56

TITLE: Two Cases of the Disintegration of a Hyperfragment (Dva sluchaya raspada giperfragmenta)

PERIODICAL: Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, 1958, Vol. 34, Nr 1, pp. 231-232 (USSR)

ABSTRACT: In a pile of Ilford (Il'ford)-G-5 - emulsion-layers irradiated in the stratosphere the authors discovered the disintegration of a heavy hyperfragment with the flying off of an energy-rich proton; this hyperfragment was interpreted as F_Λ or N_Λ . Furthermore a mesonic disintegration of a hyperfragment was discovered in this pile. Case I: A multiple-charged hyperfragment (R = 127 μ) flies out of a star 15 + 2n. The absence of δ-electrons at the end of the range and the narrowing of the trace show that the hyperfragment came to a standstill. From the length of the narrowing the charge was estimated to Z = 8 ± 2. The hyperfragment disintegrates at the end of its range into three charged particles. The behavior of these three particles is also given here. The following disintegration schemata of the

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Two Cases of the Disintegration of a Hyperfragment 5 -1-36/56

hyperfragment with positive bond energy of the Λ^0 particles are possible: ${}_{\Lambda}F^{19,18,20} \rightarrow d(t) + p(d,t) + p + C$, ${}_{\Lambda}Ne^{20,21} \rightarrow p(d,t) + p(d,t,He^3,He^4) + p + N(C)$. In the disintegration with participation of a neutral particle the possibility of a lighter hyperfragment is not out of the question. Case II: A light hyperfragment which disintegrates after 276 μ into 2 particles flies off a star of the type 21 + 8p. The scattering of the hyperfragment indicates a disintegration in the position of rest and the charge was estimated with Z = 2 to 3. The trace is produced by a pion with the energy (32 $\pm$ 5,0) MeV. The kinematic analysis of the case furnishes the schemata ${}_{\Lambda}He^{7} \rightarrow p + \pi^- + He^4 + Q_1$; ${}_{\Lambda}Li^{7,8} \rightarrow p + \pi^- + Li^{6,7} + Q_2$, where $Q_1=Q_2=(39,0 \pm 5,0)$ MeV applies. There are 2 figures and 6 references.

ASSOCIATION: Physical Institute AN Armenian SSR (Fizicheskiy institut Akademii nauk Armyanskoy SSR)

SUBMITTED: September 19, 1957

AVAILABLE: Library of Congress

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

7(5), 21(0)

AUTHORS: Babayan, Kh. P., Martirosyan, N. A., [illegible] - [illegible]
Matevosyan, K. A., Sarkisyan, M. G.

TITLE: The Energy Dependence of the Angular Correlation of Positrons Originating From π → μ → e Decay (Energeticheskaya zavisimost' uglovoy korrelyatsii pozitronov iz π → μ → e raspada)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, [illegible], Vol 3, Nr 4, pp 561 - 564 (USSR)

ABSTRACT: In the present paper the authors deal mainly with investigations of π → μ → e events in nuclear emulsions (investigations were carried out at Yerevan, the results will be published in detail in DAN ArmSSR (Ref 9) in a paper which is already being printed); the authors compare the results obtained with those obtained by numerous other authors. (Li and Jang (Li, Yang), (Ref 1), London (Ref 2), Vasilenko, Smirnitskiy (Refs 7,8) and others). The authors of the present paper investigated 405 of such decays; they found that the experimental energy dependence of the

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

The Energy Dependence of the Angular Correlation of Positrons Originating From $\pi \rightarrow \mu \rightarrow e$ Decay

backward-forward ratio for the emitted positrons agrees with the predictions of the two-component theory. The non-conservation of parity in the $\pi \rightarrow \mu$ - decay leads to a polarization of the inversely to the direction of motion. In the decay of the myon the positrons have angular symmetry, which, according to the neutrino theory, has the form: $dN = 2N\varepsilon^2[(3-2\varepsilon)+\lambda \cos\theta\,(2\varepsilon-1)]\,d\varepsilon\,d(\cos\theta)$ (ε = energy of the positron and the maximal possible, θ = angle between the directions of flight of and positron, λ = constant, $-1 \leqslant \lambda \leqslant +1$). The author investigated a total of 2000 decay events (R- an asymmetry coefficient $A = -(0,135 \pm 0,043)$. cases selected according to certain points of view, following distribution of positron ra... Length of tracks: 1-2 2-3 3-4 4-5 5-... Number of tracks: ... In the table the author shows the A-v... by various stereoscopic...

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

The Energy Dependence of the Angular Correlation of Positrons Originating From $\pi \rightarrow \mu \rightarrow e$ Decay

(More than 15 000 observations partly with cosmic rays and partly with accelerators). In the 4% cases [illegible] by the coefficients A were between $-(0,143 \pm 0,006)$ at $\xi = 1$ and $-(0,400 \pm 0,220)$ at $\xi = 1,0$. In conclusion the author thanks A.I.Alikhanyan for the interest he displayed, I.I. Gol'dman for many advice, and L.N.Tatevosyan for assistance in carrying out measurements. There are 3 figures, 1 table, and [illegible] references, 4 of which are Soviet.

ASSOCIATION: Fiziko-energeticheskiy institut Akademii nauk Armyanskoy SSR (Physico-Energetic Institute, AS Armyanskaya SSR)

SUBMITTED: February 13, 1959 (initially) and June [illegible] (after revision)

Card 1/4

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

S/022/60/013/01/09/010
C 111/ C 23

AUTHORS: Babayan, Kh. P., Marutyan, N. A., Matevosyan, K. A., Sarinyan, M. G.,

TITLE: Investigation of the Hyperfragments in the Nuclear Emulsion /9

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR. Seriya fiziko-matematicheskikh nauk, 1960, Vol. 13, No. 1, pp. 165-168

TEXT: Report on the systematic investigation of a nuclear emulsion Ilford G - 5 of 600 μ layers which was cosmically irradiated in the height of 27 km in Italy in 1955. The material was placed at disposal to the authors by Professor Pawell. The decay of 6 hyperfragments was stated. In (Ref.3) the authors already reported on two cases. The representation of the other four cases is now published. The values obtained for B_Λ coincide in the frame of statistical errors with the known data. /B
There are 3 references: 1 Soviet, 1 English and 1 Italian.

ASSOCIATION: Fizicheskiy institut AN Armyanskoy SSR (Physical Institute AS Armyanskaya SSR)

SUBMITTED: August 20, 1958

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

S/056/60/
[illegible]

24.6900

AUTHORS: Marutyan, N. A., Matevosyan, K. A., Toshyan, K. T.

TITLE: Investigation of the Interaction of a 5.10^{12}-ev Nucleon With a Photoemulsion Nucleus

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki [illegible], Vol. 39, No. 4(10), pp. 993-996

TEXT: On a systematic examination of an emulsion pile (Ilford G-5 600μ) irradiated for 8 hours at a height of 27 - 30 km, the authors found one 6 + 31p interaction. The event is interpreted as an interaction of a nucleon with a nucleus of the emulsion, and its energy spectrum is studied. The energy of the primary particle is then found to be equal to $(4.7\pm1.0).10^{12}$ ev. The measurements were made with an МБИ-8М (MBI-8M) microscope. The angles of all shower particles related to the primary particle as well as their energies were measured (Table). Fig. 1 shows the angular distribution of the secondary particles, and Fig. 2 the transverse momentum distribution. The mean length of the

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

Investigation of the Interaction of a $5 \cdot 10^{12}$-ev Nucleon With a Photoemulsion Nucleus

S/056/60/[illegible]
B004/B07[illegible]

nuclear interaction was of the order of 30 cm, the mean transverse momentum was (0.17±0.02)Bev/c. The best agreement between the hydrodynamic theory of L. D. Landau and the experimental data is obtained for $kT = (1/2)\mu_{\pi}c^2$. The primary particle gave 10% of its energy for the formation of the secondary particles. The authors mention a paper by G. A. Milekhin and I. L. Rozental' (Ref. 6). There are 2 figures, 1 table, and 7 references. 4 Soviet. 1 British and 2 Italian.

ASSOCIATION Fizicheskiy institut Akademii nauk Armyanskoy SSR (Institute of Physics of the Academy of Sciences, Armyanskaya SSR)

SUBMITTED. May 27 1960

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

L 17607-63 EWT(1)/EWT(m)/BDS/ S/056/63/044/003/009/053
EWA(b)-3 AFFTC/ASD/APGC/IJP(C)

AUTHOR: Babayan, Kh. P. and Marutyan, N. A.

TITLE: Interaction of a high energy multicharged particle with a nucleus of the photographic emulsion

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 44, no. 3, 1963, 832-839

TEXT: The authors describe the detailed investigation of a unique interaction event of the 16 + 2012 type between a multicharged particle with an energy of $3 \cdot 10^{11}$ ev per nucleus and the nucleus of a photographic НИКФИ-Р (NIKFI-R) emulsion exposed in a sputnik satelite in August of 1960. Because of the high multiplicity of the interaction and the convenient position of the event in the photographic emulsion, it was possible to obtain sufficiently good statistics for observing the correlation coefficient of 0.81 between the emission angle and the transverse momentum of the secondary particles in the small angle region ($\theta_i < 4^o$). The transverse momentum distribution is consistent with the one previously obtained for secondary particles produced in nucleon-nucleon and nucleon-nucleus interactions.

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L 17607-63 S/056/63/044/003/009/053

Interaction of a high energy ...

The mean transverse momentum is found equal to 215 Mev/c. The angular distribution satisfactorily agrees with the hydrodynamic theory. There are 4 figures and 1 table.

ASSOCIATION: Fizicheskiy institut Akademii nauk Armyanskoy SSR (Physics Institute of the Academy of Sciences of the ArSSR)

SUBMITTED: October 2, 1962

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

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MARUTYAN S.A

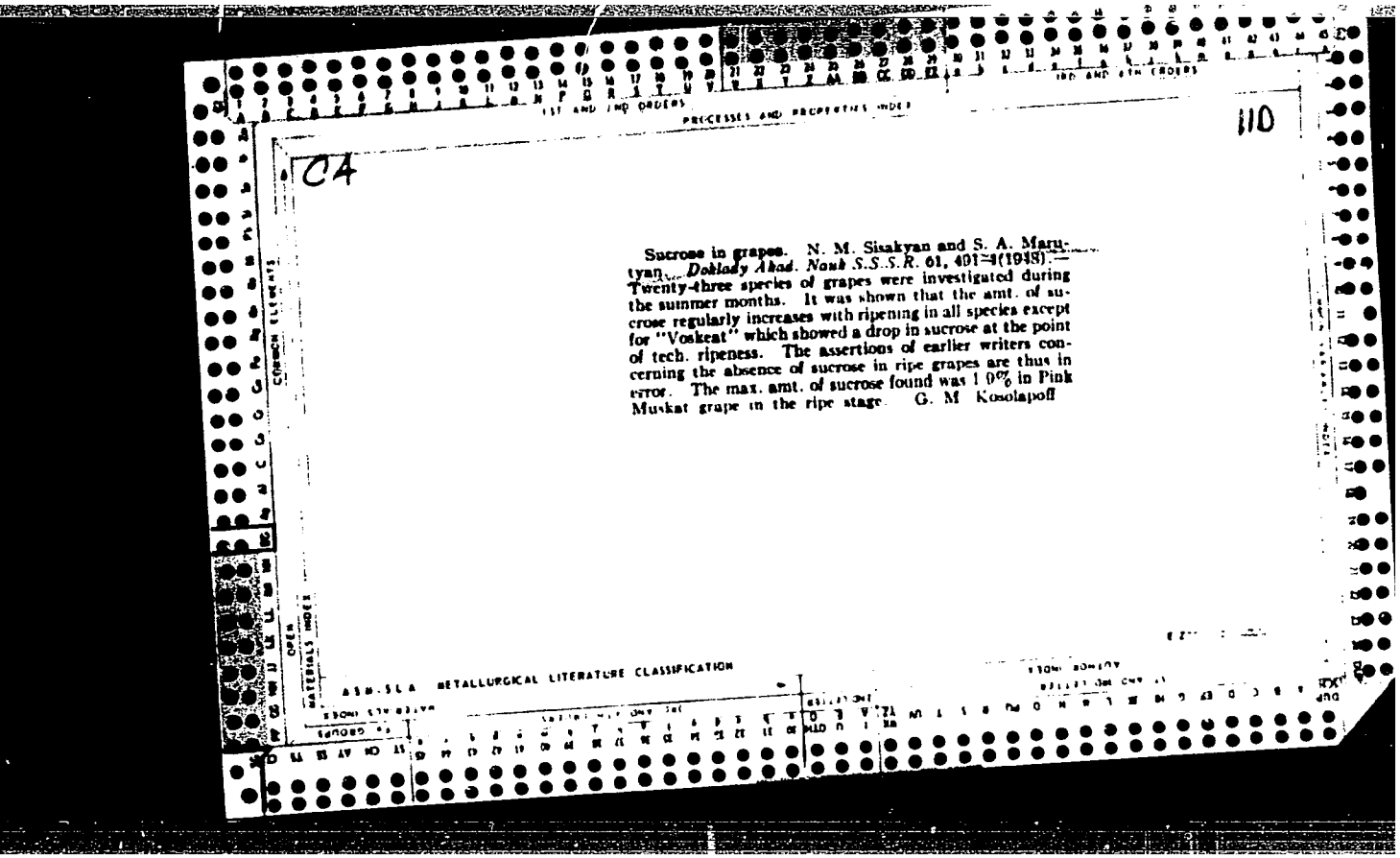
SISAKYAN, N.M.; MARUTYAN, S.A.

Sugars in grapes. Biokhim.vin. no.2:56-68 '48. (MLRA 7:10)

1. Institut vinodeliya i vinogradarstva AN Armyanskoy SSR.
(Grapes) (Sugars)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4



CA

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Sucrose in grapes. N. M. Sisakyan and S. A. Marutyan. *Doklady Akad. Nauk S.S.S.R.* 61, 401–9(1948).—Twenty-three species of grapes were investigated during the summer months. It was shown that the amt. of sucrose regularly increases with ripening in all species except for "Voskeat" which showed a drop in sucrose at the point of tech. ripeness. The assertions of earlier writers concerning the absence of sucrose in ripe grapes are thus in error. The max. amt. of sucrose found was 1.0% in Pink Muskat grape in the ripe stage. G. M. Kosolapoff

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, S. A.

USSR.

"The biochemical nature of early-ripening and late-ripening grape vines. S. A. Marutyan. *Biokhim. Vinodeliya, Sbornik* 4: 230–40 (1953).—Accumulation of carbohydrates differs in the leaves of fruit-bearing (I) and nonfruit-bearing (II) vines during vegetation. In the leaves of II vines the amt. of sugar during vegetation increases, while in I vines a decrease is observed. In the early-ripening type (III), the grapes show a more intense synthesis and decompn. of sucrose than in the late-ripening (IV). The total sucrose and the amt. of it during vegetation is greater in IV than in III. In the spring, there is a large increase in the amt. of water-sol. sugar; the amt. of sucrose increases 5–6 times; maltose, which was not detected in the fall, now appears; but the amt. of hemicellulose does not show a regular change. In the spring, in the runners of IV, the amt. of monosaccharide decreases, while the III shows an increase. Insignificant differences were noted in the activity of polyphenol oxidase and peroxidase during vegetation in the leaves of III and IV. In II the activity of the peroxidase is observed earlier than in I. During the ripening period, if the grapes are not removed, there is found dehydrated succinic acid, tartaric acid, glutamic acid, and glycine. Dehydrated citric acid was detected during all stages of the ripening. Dehydrated aspartic acid is detected only in unripened berries, but dehydrated maleic acid and glucose are found only in the ripe berry. During the same stages of ripening of III and IV there is observed dehydration of the same substrate. In III, especially in the unripened berry, dehydration is 2–10 times greater than in IV. S. B. Raddinz

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, S. A.

USSR/Biology - Biochemistry

Card : 1/1

Authors : Afrikyan, B. L., Marutyan, S. A. and Saskyan, R. G.

Title : Forms of reserve carbohydrates in grape vines

Periodical : Dokl. AN SSSR, 96, Ed. 6, 1195 - 1196, June 1954

Abstract : The basic reserve carbohydrate in perennial plants including grape vines is starch. Experimental data show that hemicellulose in addition to starch is also a reserve carbohydrate found in grape vines, the latter takes an active part in the carbohydrate exchange of the plant. Nine references Graphs.

Institution : Ministry of Food Industry Arm-SSR, Institute of Viti- and Viniculture

Presented by : Academician A. L. Kursanov, March 18, 1954

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USSR/Biology - Biochemistry

Card 1/1 Pub. 22 - 29/40

Authors : Marutyan, S. A.

Title : Nature of peroxidase activity in various grape seedlings

Periodical : Dok. AN SSSR 99/2, 295-296, Nov 11, 1954

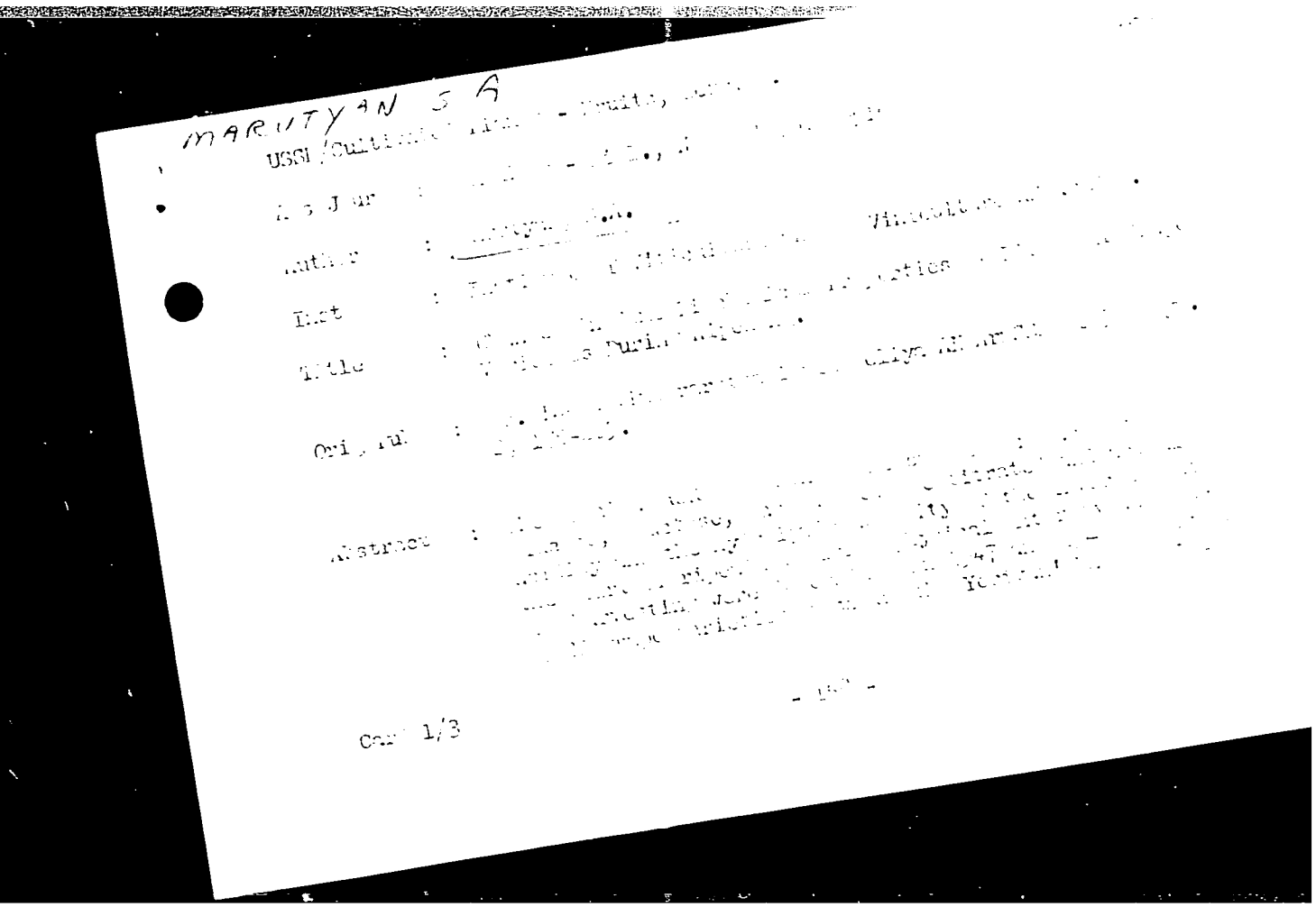
Abstract : The activity of oxidation-reduction ferments of peroxidase and dehydrase in grape seedling was investigated in an acetone compound mixed with grape leaves. The difference between male, female and bisexual plants is explained. The results obtained are tabulated. Four USSR references (1951-1953). Tables.

Institution : Institute of Viniculture, Yerevan

Presented by : Academician A. I. Oparin, September 2, 1954

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USSR/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39516

Institute of Viticultural and Viniculture. The Voskhat, violet Muskat and Kaberne varieties were analyzed in 1948 once every 12 days. Beside that, an analysis of mature berries of 20 varieties of grapes growing under different ecological conditions in Armenia was made in 1953. In all the varieties studied the presence of saccharose was always accompanied by that of active invertase. The content of saccharose and the invertase activity varied sharply depending on the variety, the degree of maturity of the berries, and the ecological conditions of growth of the grape vine. In period of growth of the berries, the content of saccharose and invertase was insignificant. However, the invertase' activity increased sharply when ripening began to take place. The activity of the invertase continued to increase during the period of physiological maturity of the berry but decreased after [illegible] the content of saccharose attained its maximum. [illegible]

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MARUTYAN, S.A.

Carbohydrates of the various tissues of grapevine shoots as related to the degree of frost resistance of the variety. Biokhim. vin. no.7:16-24 '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut vinogradarstva, vinodeliya i plodovodstva Ministerstva sel'skogo khozyaystva Armyanskoy SSR.
(Plants--Chemical analysis) (Grapes)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

AFRIKYAN, B.L.; MARUTYAN, S.A.; PETROSYAN, Zh.A.

Effect of leaving grapevines uncovered in winter on the carbohydrate metabolism in grape shoots. Izv. AN Arm. SSR. Biol. nauki 16 no.7:41-46 Jl '63. (MIRA 16:11)

1. Institut vinogradarstva, vinodeliya i plodovodstva Armenii.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, S.A.

Hemicellulose in grapevines. Izv. AN Arm. SSR. Biol. nauki [illegible]
73-77 Ag '64. (MIRA [illegible])

1. Armyanskiy institut vinogradarstva, vinodeliya i plodovodstva.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

PETROSYAN, F.G.; MARUTYAN, S.N.

Damage done by the grape leaf-roller to the basic grape varieties of the Armenian S.S.R. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 2 no.5: 455-459 '49. (MLRA 9:8)

1. Institut vinogradarstva i vinodeliya Akademii nauk Armyanskoy SSR.

(ARMENIA--GRAPES--DISEASES AND PESTS)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

PETROSYAN, F.G.; MARUTYAN, S.N.

Ecology of the grapevine spider mite (Schizotetranychus (Eotetranychus) viticola) in the northeastern regions of Armenia. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 5 no.9:61-67 '52. (MLRA 9:8)

1. Institut vinodeliya i vinogradarstva Ministerstva pishchevoy promyshlennosti Armyanskoy SSR.
(Armenia--Red spider) (Grapes--Diseases and pests)

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MARUTYAN, S.N

USSR/General and Special Zoology. Insects. Injurious In- P
sects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49687

Author : Petrosyan F.G., Marutyan S.N.
Inst : -
Title : New Preparations Against the Grape Spider Mite

Orig Pub : Vinodeliye i vinogradarstvo SSSR, 1957, No 2, 44-46

Abstract : In Armenia in 1951-1953, in the testing of sulfur and phospho-organic insecticides spraying with Pyrophos (0.05%) at 1-day intervals three-four times showed high effectiveness. In 1954, Vophatox and octamethyl (0.05%) were highly effective. In 1955, under field conditions 81-87% of the mites perished after one spraying with octamethyl (0.05%) and 91-96% perished after two sprayings. When the first leaves appeared (at

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[illegible], Ye. [illegible].

"The Role of the Buffalo [illegible] the Epizootiology of [illegible]." Cand Vet Sci, Yerevan Zoovet [illegible] Inst, Min Higher Education USSR, Yerevan, [illegible]. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, Ye. M

R

USSR / Diseases of Farm Animals. Diseases Caused by Protozoa

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74219

Author : Mamikonyan, M.M.; Marutyan, Ye. M.

Inst : Armenian Scientific-Research Institute of Animal Breeding

Title : Veterinary Medicine. Test of Combination Chemotherapy of Theileriasis (Theileria annulata) in Cattle

Orig Pub: Byul. nauchno- tekhn. inform. Arm. n.-i. in-ta zhivotnovodstva i veterinarii, 1957, No 1, 56-57

Abstract: A combination of amino-acrichine with geramine, thiargen, sulfantrol and tripaflavine was tested. Best results were obtained from use of a combina-

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, Ye.M., kand.veterinarnykh nauk

Comparative therapeutic and prophylactic effectiveness of berenil in hemosporidia infections of cattle. Veterinariia 37 no.8:22-23 Ag '60. (MIRA 15:4)

1. Checheno-Ingushskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.
(Chechen-Ingush A.S.S.R.---Hemosporidia)
(Cattle---Diseases and pests) (Berenil)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUTYAN, Ye.M., starshiy nauchnyy sotrudnik; AVBARTSUMYAN, G.G., mladshiy nauchnyy sotrudnik

Evaluating the methods of treating trichomoniasis in bulls. Veterinariia 40 no.8:32-33 Ag '63. (MIRA 17:1)

1. Armyanskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARUZS, Jozsef

Religion in Hungary. Hung TU no.10:4-5 O '62.

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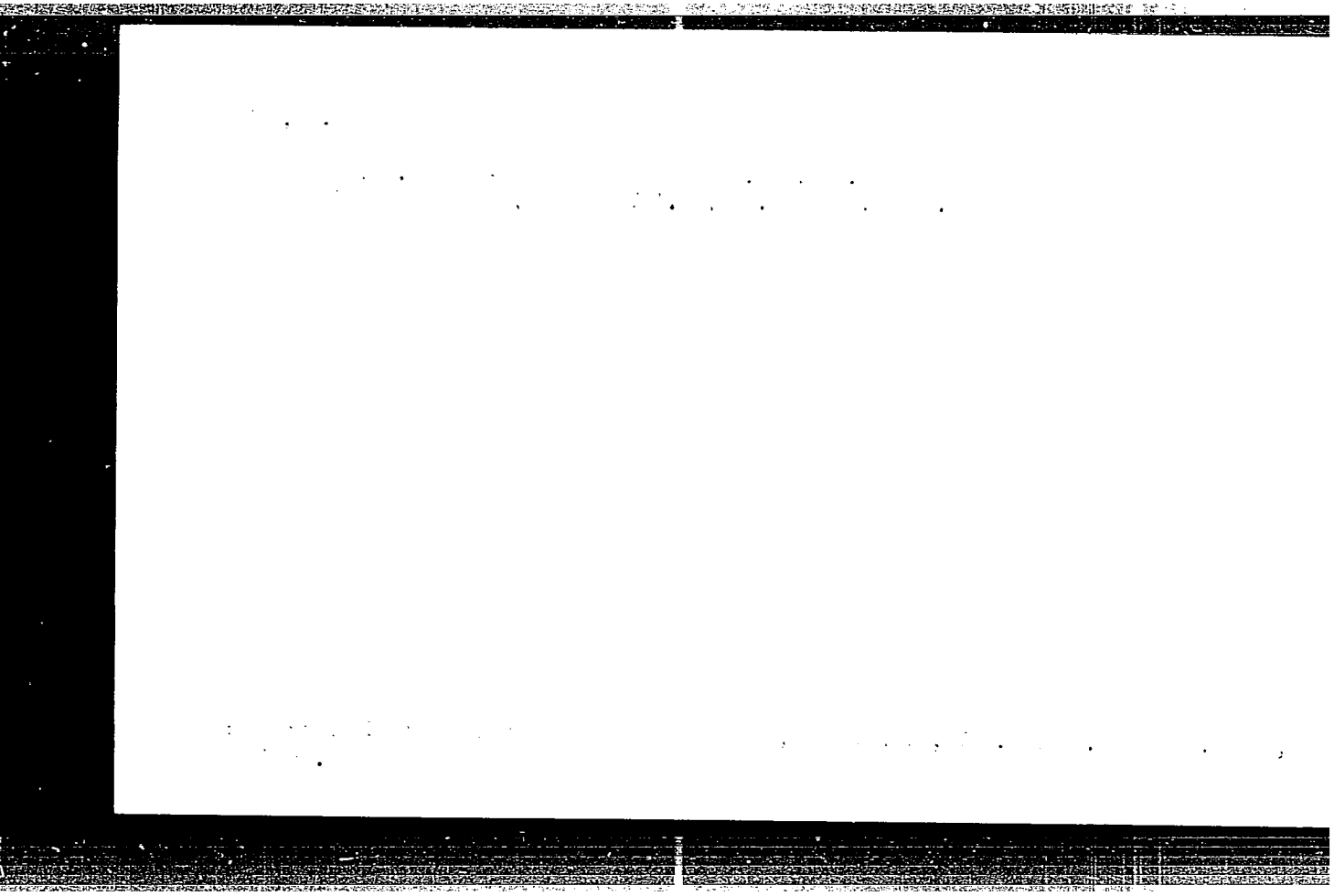
MARVAN, D.

Odehnal, J; Marvan, D. Cold-working of aluminum. p.95

SO: Monthly List of the East European Accessions. (EEAL). LC. Vol. 4, no. 10, Oct. 1955. Uncl.

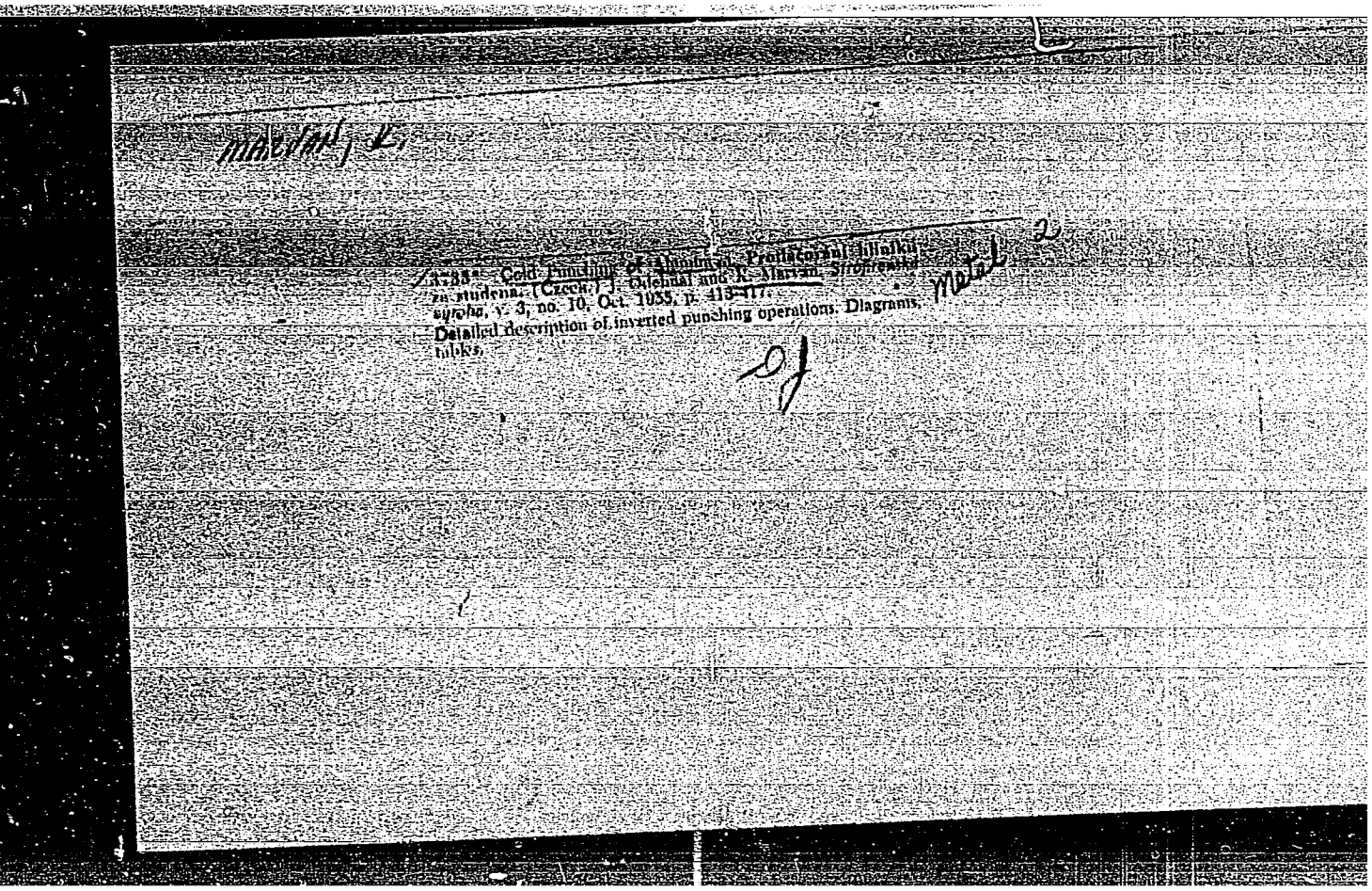
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material

A-733 — Cold Punching of Aluminum. Profilovani hlinikem za studena. [Czech.] J. Gutknal and K. Marvan. Strojirenska vyroba, v. 3, no. 10, Oct. 1955, p. 413-417.
Detailed description of inverted punching operations. Diagrams, tables.

Metal 2

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MARVIN K

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PHASE I BOOK EXPLOITATION SOV/5799

Unksov, Ye.P., Doctor of Technical Sciences, Professor, Ed.

Sovremennoye sostoyaniye kuznechno-shtampovochnogo proizvodstva (Present State of the Pressworking of Metals) [Moscow] Mashgiz, 1961. 434 p. 5000 copies printed.

Ed. of Publishing House: A.I. Sirotin; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on the Hot Working of Metals: S.Ya. Golovin, Engineer.

Title: Kuznechno-shtampovochnoye proizvodstvo v SSSR (The Pressworking of Metals in the USSR) by: A.V. Altykis, D.I. Berezhkovskiy, V.F. Volkovitskiy, I.I. Girsh (deceased), L.D. Gol'man, S.P. Granovskiy, N.S. Dobrinskiy, A.I. Zimin, S. L. Zlotnikov, A.I. Kagalovskiy, P.V. Lobachev, V.N. Martynov, Ye.N. Moshnin, G.A. Navrotskiy, Ya.M. Okhrimenko, G.N. Rovinskiy, Ye.A. Stosha, Yu.L. Rozhdestvenskiy, N.V. Tikhomirov, Ye.P. Unksov, V.F. Shcheglov, and L.A. Shofman; Eds: Ye.P. Unksov, Doctor of Technical Sciences, Professor, and B.V. Rozanov.

Title: Kuznechno-shtampovochnoye proizvodstvo v ChSSR (The Pressworking of Metals in the Czechoslovak SR) by: S. Burda, F. Hrazdil, F. Drastík, F. Zlatohlávek

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Present State of the (Cont.) SOV/5799

Z. Kejval, V. Krauz, F. Kupka, F. Majer, K. Marvan, J. Novák, J. Obrtal, K. Paul, B. Sumer, M. Honz, J. Částka, V. Šindelář, and J. Šolc; Eds.: A. Nejepsa and M. Vlk.

PURPOSE: This book is intended for engineers and scientific personnel concerned with the pressworking of metals.

COVERAGE: Published jointly by Mashgiz and SNTL, the book discusses the present state of the pressworking of metals in the USSR and the Czechoslovak Socialist Republic. Chapters were written by both Soviet and Czechoslovak writers. No personalities are mentioned. There are 129 references: 98 Soviet, 16 English, 8 German, 5 Czech, and 2 French.

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AUTHOR: Marvan, M.

TITLE: Electromagnetic waves in moving optically active media

PERIODICAL: Československý časopis pro fiziku, no.1, 1962, 1-11

TEXT: The author studies the propagation of electromagnetic waves in media of natural optical activity moving linearly and uniformly relative to an inertial system, the theory of phenomenology and relativity being applied. It is stated that although the basic properties of wave propagation were postulated in the course of the development of the theory of relativity, a number of interesting consequences have not yet been deduced. Italian workers have investigated isotropic media, dielectric crystals and conductors and the author attaches importance to literature on reflection of electromagnetic waves from a moving bundle of electrons and from plasma. In contrast to other authors, the author of this paper prefers the covariant form of field equations and believes that the Minkowski geometry allows a better survey and chooses it as a starting point for further investigations. The author proceeds from the system at rest, using the

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Electromagnetic waves ... Z/037/62/000/001/001/007
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phenomenology theory of F. I. Fedorov and B. V. Bokut (Optika i spektroskopiya, 6, 1959, 85, 376 and 537.9,1960, 635) This paper is a continuation of previously published work (Czech J.Phys, B 10, 1960, 771) in which the laws of conservation of energy and momentum were formulated for moving, optically active and anisotropic media. Applying the same symbols and terminology as in the work quoted, the author develops the formula for the polarization of tne vectors E, B and finds that the intensity of the electric field E oscillates at right angles to the introduced vector R, and the magnetic induction B oscillates at right angles to the wave vector k. He further finds that there is a change in the direction of polarization of E,B when $\bar{v}_o \cdot \bar{u} = -1$. A further conclusion is that the direction of polarization of D,H is solely dependent on the sign of R_4. The author also deduces that propagation of two right-rotation polarized waves and of one left-rotation polarized wave of a given frequency is possible, both in the direction of movement of the medium and in the opposite direction Docent,Doctor,Candidate of Science Č Muzikař gave suggestions relating to the subject matter of the

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Electromagnetic waves ...

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paper. There is 1 figure.

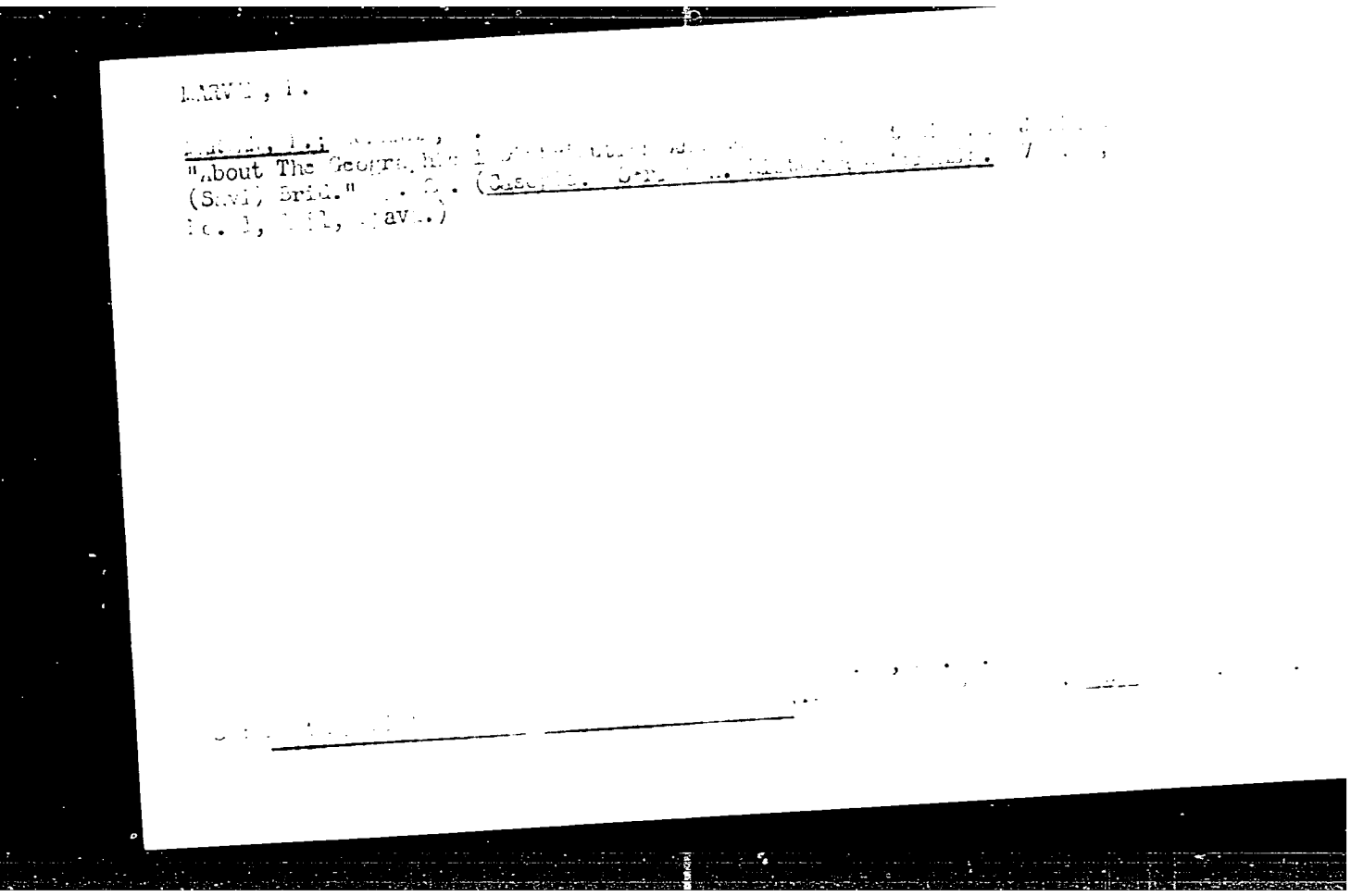
ASSOCIATION: Katedra teoretické fysiky matematicko-fysikální fakulty Karlovy university, Praha (Department of Theoretical Physics, Faculty of Mathematics and Physics, Charles University, Prague)

SUBMITTED: April 17, 1961

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B-4

CZECHOSLOVAKIA / General Biology. General Hydrobiology.

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 61974

Authors : Losos, V.; Marvan, P.
Inst : Brno Graduate School of Soil Science and Forestry.
Title : Hydrobiological Conditions Prevailing in the Moravice River and Her Tributaries, the Podolskiy and Chernyy Creeks.

Orig Pub : Sbor. Vysoko skoly zemed. a lesn. Brne, 1957, A, No 1, 41-69

Abstract : No abstract.

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

CZECHOSLOVAKIA / General Biology. General Hydrobiology. B-6

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 47668

Author : ~~Cerven, J.~~

Inst : Not given

Title : The Quantitative Determination of Nannoplankton with the Aid of Membrane-Type Filters.

Orig Pub : Preslia, 29, No 1, 76-83 (1957).

Abstract : Special filtration apparatus is described permitting the collection of exact quantitative data and the taking of type determinations. The method is applicable under field conditions.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. Hydrochemistry. I

Abs Jour: Ref Zhur-Khim., No 13, 1958, 42958.

Author : Zelinka M., Marvan P.
Inst :
Title : Essential Reductions of Statistical Processing of the Results of Analyses of the Water of Moravian Rivers.

Orig Pub: Voda, 1957, 36, No 6, 152-155.

Abstract: On the basis of statistical processing of a large amount of data, a critical evaluation is made of the principal criteria used in determination of the quality of water (BOD_5, O_2, NH_3, pH, oxidability, microbiological analysis). The most appropriate are considered to be: BOD_5, NH_3, microbiological analysis.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

KUBICEK, Frantisek; MARVAN, Petr; ZELINKA, Milos

Notes on biological conditions of a water-supply reservoir near Frystak. Sbor.pal.vod. VSChT 1958:369-426. (ERAI 9:4)

1. Vyzkumny ustav vodohospodarsky, Brno a zoologicky ustav Masarykovy university, Brno.
(Czechoslovakia--Water)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARVAN, Petr

Problem of the use of membrane filtration for quantitative phytoplankton research. Sbor pal vod VSChT 4 no.1:399-418 '60. (EEAI 10:9)

1. Vyzkumny ustav vodohospodarsky, laborator, Brno a Katedra technologie vody, Vysoka skola chemicko-technologicka, Praha.

(Filters and filtration) (Phytoplankton)
(Membranes)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARVAN, Petr, RNDr., ZELINKA, Milos, RNDr.

Effect of preliminary reservoirs on the water quality in the main reservoir. Vodni hosp 13 no.6:222-224 '63.

1. Vyzkumny ustav vodohospodarsky, Brno.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

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MARVAN, Petr, dr.; ZELINKA, Milos, dr.

Comparison of the toxicity of waste waters. Vodni hosp 14 no. 3:107-109 '64.

1. Research Institute of Water Resources, Brno.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

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DEMEK, J.; MARVAN, P.; PANOS, V.; RAUSER, J.

Forms of granite weathering and erosion and their dependence on the climate. Rozpravy mat CSAV 74 no.9:1-59 '64.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

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BOHDANECKY, Jan, inz.; MARVAN, Vladimir

Effect of discharging hopper on deep mining operations. Uhli 3 no.12: 405-406 D '61.

1. Vyzkumny ustav hnedeho uhli, Most.

(Lignite) (Mining engineering)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

L 7970-66 EWT(m)/ETC/EWG(m)/T/EWP(t)/EWP(b) IJP(c) DS/JD/JG

ACC NR: AP5025081 SOURCE CODE: UR/0364/65/001/010/1225/1234

AUTHOR: Marvet, R. V.; Petriy, O. A.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosuarstvenny universitet)

TITLE: Adsorption of hydrogen and oxygen on platinized platinum at different temperatures studied by electrochemical methods

SOURCE: Elektrokhimiya, v. 1, no. 10, 1965, 1225-1234

TOPIC TAGS: gas adsorption, hydrogen, oxygen, electrolytic cell, electrode, platinum

ABSTRACT: The work was carried out by the method of charge curves and the method of potentiostatic analysis. The measurements were made in a cell, the working section of which, together with the reference electrode, were placed in a thermostat. The visible surface of the electrode was 30 cm^2, and the volume of the solution in the working section was 15 cm^3. The electrode was platinized in a 2% solution of H_2PtCl_6 at a current density of 2 ma/cm^2 for a period of 3

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ACC NR: AP5025081

hours. Double distilled water and high purity sulfuric acid, hydrochloric acid, and potassium hydroxide were used in preparation of the solutions. According to the charge curves and the potentiometric curves for a platinum-platinum electrode in a 1 N H_2SO_4, HCl and KOH solution, with increasing temperature in the interval from 0 to 95 C, there is observed a 15-20% rise in the amount of adsorbed hydrogen. This is explained by the adsorption of hydrogen on difficultly accessible portions of the surface at high temperatures. With certain assumptions, a calculation is made of the dependence of the differential heats of adsorption on the degree of coverage; these values are compared with literature data. With an increase in temperature, oxidation of the surface of the platinum becomes easier and the strength of the bonding of the adsorbed oxygen increases. The article demonstrates the dependence of the reduction in the area of the platinum-platinum electrode during heating on the potential and the composition of the electrolytic solution. "We express our deep indebtedness to Academician A. N. Frumkin for proposing the subject, and for his constant interest and consultation." Orig. art. has: 8 figures

SUB CODE: GC/ SUBM DATE: 03Apr65/ ORIG. REF: 008/ OTH REF: 015

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

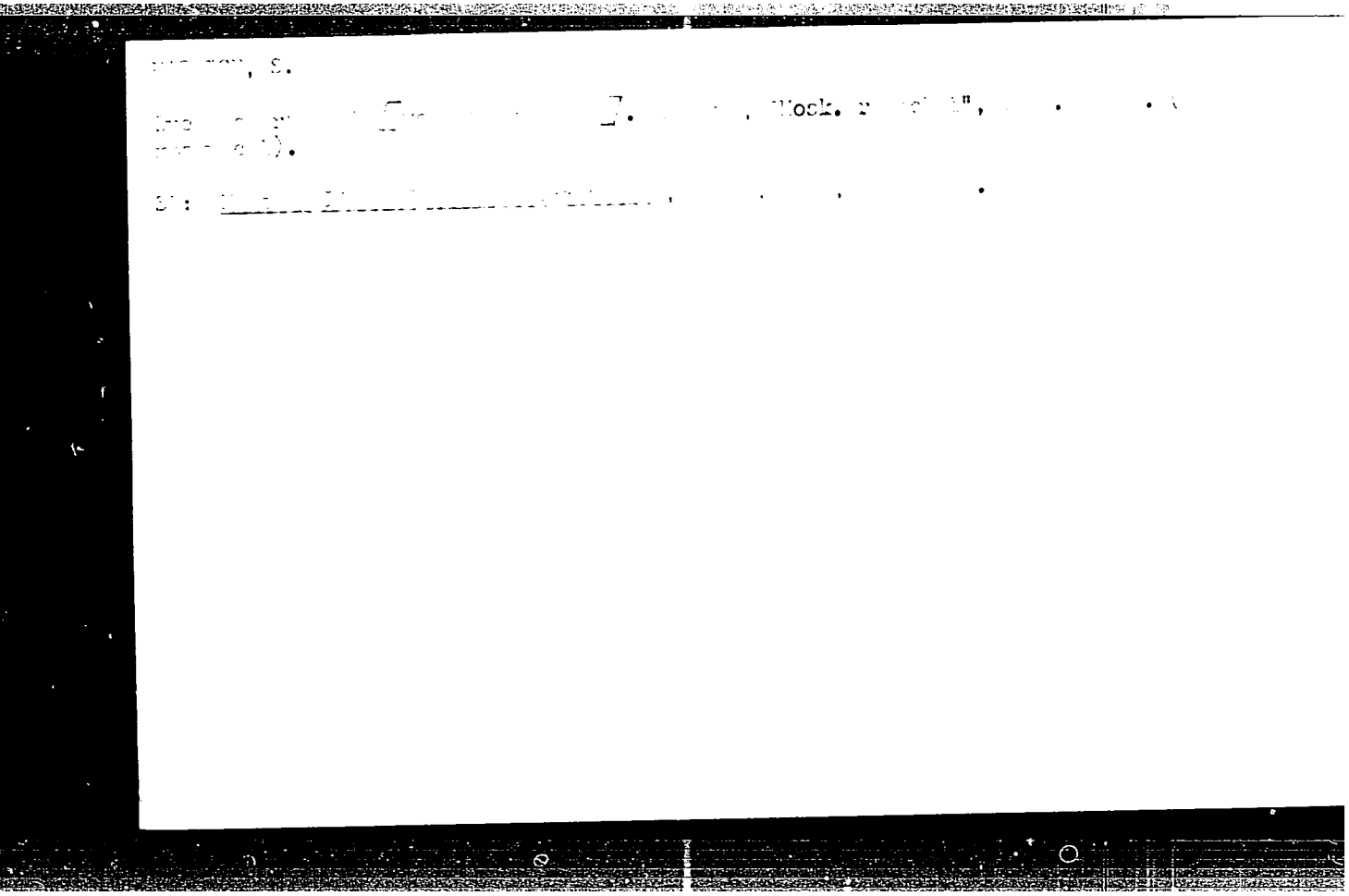
MARVETSOV, Ye, N.:

MARVETSOV, Ye, N.: "Problems of the dynamics of the adding mechanisms in multi-counter adding machines with parallel counting circuits." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow, 1956. DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE.

So: KNizhnaya Letopis', No. 18, 1956

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

1867. PROTECTIVE MEASURES AGAINST RODENTS IN FARM BUILDINGS ON COOPERATIVE FARMS AND STATE FARMS (Russian text) - Marvin M. Ya. - SVERDLOVSK 1956 (8 pages)

The author recommends various prophylactic measures against rodents (clearing of farm territory and buildings covered storage of produce etc.) and chemical and mechanical extermination of the rodents. Of the chemical methods the use of α-naphthylthiourea deserves most attention, since it is highly toxic for rodents, particularly rats, and much less toxic for domestic animals and man. On the basis of experimental data the author recommends the use not of 0.5-1% of this substance as given in the directions, but of 4%. This concentration is harmless for domestic animals yet causes 100% mortality among the rats. A description is given of the method of preparation of poisoned bait. (S)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARVIN, M.Ya.

Deratization of farm animal houses. Veterinariia 33 no.8:79-80 Ag '56. (MLRA 9:9)

1.Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo.
(Rats--Extermination) (Farm buildings)

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MARVIN, M.Ya.

[Mammals of Karelia] Mlekopitaiushchie Karelii. Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1959. 236 p. (MIRA 14:2)

(Karelia--Mammals)

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MARVIN, M.Ya.

Murine rodents in the environs of Krasnoufimsk. Trudy Ural. otd. MOIP no.2:43-53 '59. (MIRA 14:12)
(Krasnoufimsk region--Rodentia)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

[illegible], L.Ya.; SOKOLOV, T[illegible].

Experiments with poisonous plants in rodent control. [illegible]
Ural. otd. VOP nos.2 [illegible]. (MIRA [illegible]
(Poisonous plants)
(Rodent baits and repellents)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARVIN, M.Ya.

Materials on murine rodents of the Viqim region, Sverdlovsk Province. Uch.zap.UrGU no.31:74-90 '59. (MIRA 14:5)
(Bol'shiye Galashki region--Field mice)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARVIN, M. Ya. (USSR)

"The structure of fur in mammals (in Russia)"

report presented at the Intl. Symposium on Methods of Theriological Investigation. Brno, Czech., 4Sept. 1960

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4"

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YEVGEN'YEV, German Yevgen'yevich; MARVITS, Z.B., red.; VOLCHOK, K.M., tekhn. red.

[From Leningrad to the Valaam Archipelago] Iz Leningrada k Valaamskomu arkhipelagu. Moskva, Izd-vo "Rechnoi transport," 1964. 112 p. (MIRA 17:4)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

L 28498-66 BC

ACC NR: AP5023197 SOURCE CODE: YU/0009/64/000/006/0716/0721

AUTHOR: Marvucic, K. (Air Force captain first class)

36
B

ORG: none

TITLE: Problem of mounting and compensation of AD-722 direction finder

SOURCE: Vasduhoplovni glasnik, no. 6, 1964, 716-721

TOPIC TAGS: aircraft antenna, direction finder, navigation aid / AD-722 direction finder

ABSTRACT: A description of the AD-722 direction finder is given in general terms. To avoid deviation and errors in reading, it should be equipped with a crossed-loop antenna and the instructions strictly followed in mounting the antenna on the aircraft. The same is true of the QE deviation corrector. Recommendations are given for setting the direction finder on the aircraft, using a place in the field free of electric interferences, caused by power lines, signal lines, or other electrical equipment. The QE corrector should not show an error exceeding ± 2°. Higher errors indicate an incorrect mounting of the aircraft antenna. After the direction finder is set on the ground it must be checked in flight at altitudes of 100 and 2000 meters. The orig. article has: 3 figures and 1 table.

SUB CODE: 17/ SUBM DATE: none

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARWICZ, Stanislaw, dr

Main problems of the organization of sale of metallurgical products
Wiad hut 16 no.4:122-125 Ap '60.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

MARWICZ, Stanislaw, dr

Technical progress and analysis of needs. Wiad hut 16 no.7/8:247-248 Jl-Ag '60.

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MARWICZ, St. dr. (Katowice)

Technological information as a road to economy in steel consumption. Przegl budowl i bud mieszk 34 no.10:604 O '62.

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MARWICZ, Stanislaw (Katowice)

Economical profiles. Przegl budowl i bud mieszk 35 no.10:
554 0'63.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

GEORGESCU, M. -Romanian- [illegible], D., and TEODORESCU G.- Authors.-
[illegible], Given Names

Country: Rumania

Academic Degrees: -not given-

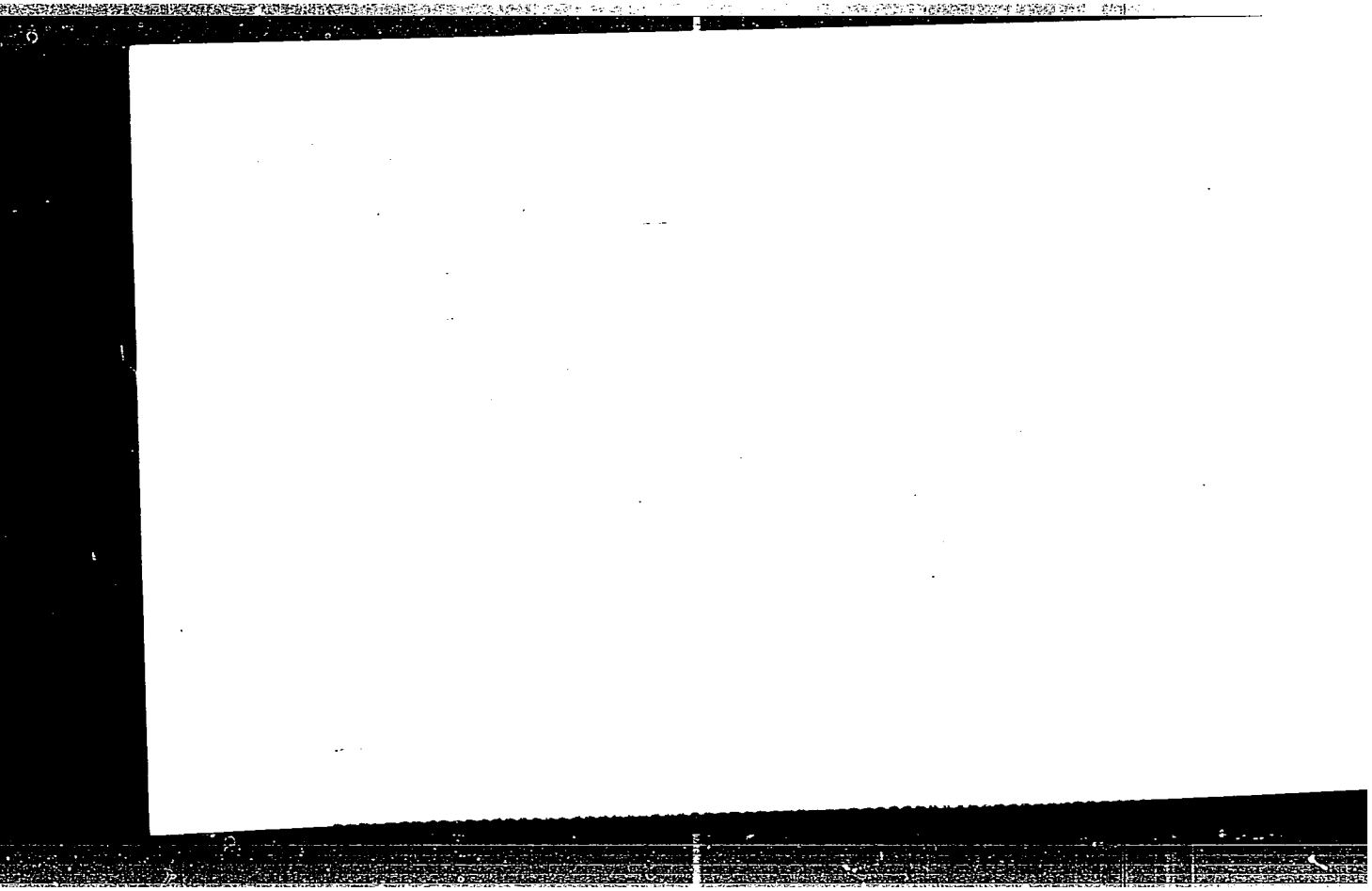
Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI, No 2, 1961, pp 175-176.

Data: "Culture Media in Medical Bacteriology,"-a review of the authors' Mediile de cultura in bacteriologia medicala (Bucharest, 1960).

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STAVRI, D.; BITTNER, J.; VOINESCO, Viorica; MARX, A.

Variability of Cl. perfringens. III. Comparative study of the characteristic chemical constituents of the cell wall of the B.P.6K strain and the B.P.6K-P.1000 variant. Arch. roum. path. exp. microbiol. 23 no.3:691-696 S'63

1. Travail de l'Institut "Dr. I.Cantacuzino"; Services de Physiologie Microbienne et des Anaerobies, Bucarest.

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MESROBEANU, Lyc.a; MES ROBEANU, I,; MITRICA, Natalia; CROITORESCO, Irina; MARX, A.

The present stage of research on the neurotoxins of gram-negative bacteria. Arch. roum. path. exp. microbiol. 23 no.3:775-782 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino", Bucarest, et de Chaire de Microbiologie de l'Institut Medico-Pharmaceutique, Bucarest.

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MARX, E., MUDr.

Bohumir Budin. 15 years from the date of his death. Cesk. zdravot. 8 no.5:265-267 My '60.

1. Radiologicka klinika lekarske fakulty Karlovy university v Praze.
(BIOGRAPHIES)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032630002-4

FRIED, K.; MARX, F.; TEICHMANN, V.

X-ray diagnosis of multiple myeloma. Cas. lek. cesk. 96 no.31:989-993 26 July 57.

1. Rtg. odd. OUNZ v Kladne, prednosta MUDr. K. Fried. Rtg. odd. fakultni polikliniky v Praze, prednosta MUDr. F. Marx. Rtg. odd. II. interni kliniky v Praze, prednosta prof. MUDr. F. Herles. Dr. K. Fried, Kladno, Cs. armady 1179.
(MYELOMA, PLASMA CELL, diag.
x-ray (Cz))

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